COMPUTER SCIENCE – INFORMATION SYSTEMS OPTION

Academic Year 2014-2015

FIRST YEAR

Fall | Winter | Spring
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CS 160 | CS 161 | CS 162
Computer Science Orientation | Intro to Comp. Sci. I | Intro to Comp. Sci. II
MTH 112 | MTH 251 | MTH 112
Differential Calculus | Integral Calculus | Discrete Math I
F, W, S, U (4) | F, W, S, U (4) | F, W, S, U (4)
WR 121 | COMM 111/114 | ECON 201
English Composition Alpha Sectioned | Speech | Introduction to Microeconomics
(3) | F, W, S, U (3) | F, W, S, U (4)
HHS 231 + 241/PAC | Perspectives Biological Science | Perspectives Western Culture
Lifetime Fitness | F, W, S, U (4) | F, W, S, U (3)

SECOND YEAR

Fall | Winter | Spring
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MTH 231 & CS 162 | CS 261 | CS 161
Co-Req MTH 231 & CS 162 | Data Structures C | Computer Arch. & Assembly Lang.
Co-Req MTH 112 | F, W, S, U (4) | W, U (4)
MTH 252 | WR 214/222 | WR 121
Writing for Bus./English Comp. | Writing for Business/English Composition | Technical Writing
F, W, S, U (3) | F, W, S, U (4) | F, W, S, U (3)
ST 314 | Perspectives Physical Science | Perspectives Cultural Diversity
Statistics for Engineers | F, W, S, U (4) | F, W, S, U (3)
Perspectives Biological Science | Electives | Electives
F, W, S, U (4) | (3) | (3)
Perspectives Western Culture | F, W, S, U (3) | (3)
Perspectives Literature & Arts | F, W, S, U (3) | (3)
Perspectives Cultural Diversity

Notes:
1. F, W, S, U: Represents the term the course is offered (Fall, Winter, Spring, and Summer)
2. ( _ ) : Represents the credits of the course
3. Arrows: Represents prerequisites and co-requisites for that course
4. Shaded courses are required prior to admission to the Professional Program
5. Summer Courses may be cancelled due to low enrollment
6. ECON 201 counts both towards minor and for Perspectives: Social Processes & Institutions
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THIRD YEAR

Fall
- CS 344 Operating Systems I
  - F, W, U (4)
- CS 361 Software Engineering I
  - F, W, U (4)
- Business & Entrepreneurship Minor
  - (4)
- Elective
  - (3)

Winter
- CS 325 Analysis of Algorithms
  - F, W, U (4)
- CS 362 Software Engineering II
  - W, S (4)
- Business & Entrepreneurship Minor
  - (4)
- Difference, Power & Discrimination
  - F, W, S, U (3)

Spring
- CS 372 Intro. to Computer Networks
  - F, W, S, U (4)
- CS 381 Programming Language Fund.
  - W, S, U (4)
- Business & Entrepreneurship Minor
  - (4)
- Synthesis Contemporary Global Issues
  - F, W, S, U (3)

Notes:
1. Textured courses are Professional Program courses
2. Summer Courses may be cancelled due to low enrollment
3. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits
4. Experience with C programming is required to begin Professional Program courses
5. 180 total credits are needed to graduate